

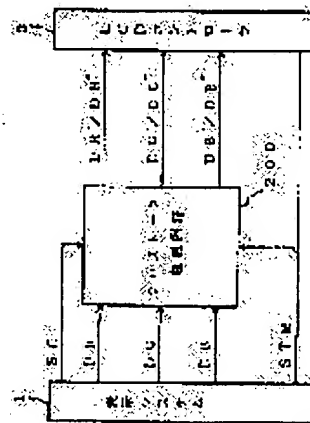
*Check***PATENT ABSTRACTS OF JAPAN**(11)Publication number : **04-068391**(43)Date of publication of application : **04.03.1992**

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G09G 3/36  
H04N 9/12(21)Application number : **02-181357**(71)Applicant : **SHARP CORP**(22)Date of filing : **09.07.1990**(72)Inventor : **HATANO KAZUTOSHI****(54) SIMPLE MATRIX DRIVE TYPE COLOR LIQUID CRYSTAL DISPLAY DEVICE****(57)Abstract:**

**PURPOSE:** To reduce crosstalk without any decrease in contrast by increasing gradations of white, column by column, according to the total of excessive voltages applied to the respective columns of a liquid crystal panel.

**CONSTITUTION:** Display dot data DR, DG, and DB of red, green, and blue and a display timing signal STM which are outputted from a display system 1 are supplied to a crosstalk reducing circuit 200. The crosstalk reducing circuit 200 is constituted differently according to a difference of an array of filters of red(R), green(G), and blue(B) constituting one pixel of a color liquid crystal panel. Gradations of white (display ON) are increased, column by column, according to the total of excessive voltages applied to respective columns. Consequently, a difference in brightness due to the excessive voltages is corrected without any decrease in contrast to reduce the crosstalk.

**LEGAL STATUS**

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